Docket No.: 5976-0111PUS1

AMENDMENTS TO THE SPECIFICATION

Please replace the Table on page 30 of the Specification with the following Table.

2 SWG/eaw

Substances	Concentration	рН ^а	Aggregatio S. gordonii	on ^b of <i>E. coll</i>	Comments ^C	
Sulfate groups						
Sucrose	1-500 mM	00	+++	+++	control	\$ - 5
Maltose	1-500 mM	ÇO	+++	+++	control	no carbo hydr. binding
Glucosa	10-50 mg/ml	CO	+++	+++	dextran constituent	ᅙᅼᅩᇐ
Dextran sulfate sodium (DSS)	10-50 mg/ml	8	•	•	tissue damage/inflammation/cancer, anti-HIV drug	ຄົນເດັ
Heparan sulfate	1-5 mg/mi	80	_	_	role in pathogen-host interaction, cell surface and ECM	defines sulfate group as target structure; suggests interaction with non-self (DSS, carrageenan) and self surctures (e.g.
Nepalah suhak Pendesilia suhak D			. •	•	ECM proleoglycan) K
Chondroitin sulfate B	1-5 mg/ml	00		111	EOM Proteoficati	at se at se
Degraded lambda-carrageenan	0.05 mg/ml	CO	++	+++	human food additive, suspected to cause tissue	
	0.1 mg/ml	CO.	÷	4/++	damage/inflammation/cancer	캶캶캶
	1-20 mg/ml	00	+/-	+/-		Se ₹ 50
Na2SO4	1 mM̄	00	÷	+	control	te group as targ eraction with no in) and self struk
- (10 mM	CO:	+/-	+/-	molarity of sulfate corresponds to the one in 5 mg/ml DSS	e de
	50-500 mM	Ç0			control	超篇篇.
Na ₂ SO ₄ /BaOH	10/1 mM	Ç0	++	++	control, Ba ²⁺ precipitates SO ₄ ²⁻ control, Ba ²⁺ precipitates SO ₄ ²⁻ control, Ba ²⁺ precipitates SO ₄ ²⁻	हु इहे
Na2SO4/BaOH	10/10 mM	00	+++	+++	control. Ba2+ precipitates SO ₄ 2-	3 26 25
Na ₂ SO ₄ /BaOH	10/25 mM	00	+++	+++	control Ba2+ precipitates SQ42-	海 9, 8
BaOH	5-50 mM	00	+++	+++	control, rules out effects of OH	
						発毛
NaOH	5-50 mM	00	+++	+++	control, rules out effects of OH	eg.≚.∾
NaCL	1-100 mM	Ç0	+++	+++	control, rules out effects of CI	E 5 5
	500 mM	ĊO	+	+	control, minor effect of purely electrostatic interactions	8 5 6
KNO3	1-100 mM	CO	\$ ++	+++	control, rules out interactions with NO3-	denies unspecific interaction with anions
·	500 mM	CO	+	+	control, minor effect of purely electrostatic interactions	- - -
Chemical carcinogens						
Azoxymethane (AOM)	1-500 mM	CO	+++	+++	promotes colon carcinogenesis	. 0
V-nitrsodiethylamine (DEN)	1-50 mM	CO	+++	+++	promotes liver and esophageal cardnogenesis	noor poor Xinding
- interest from the county	100-500 mM	co	++	++		드 다.물
Bacterial cell wall components						
.TA (Streptococcus sanguis)	1 mg/ml	CO	,		phosphate ester	₩.
TA (Staphyloccus aureus)	1 mg/ml	ço			phosphate ester	82 분 달
.PS (Escherichia coli)	1 mg/mi	¢0	_	_	contains phosphorylated carbohydrates	defines acterial ce rall comp.
.PS (Klebsiella pneumoniae)	f mg/ml	60	•	-	contains phosphorylated carbohydrates	defines bacterial cell wall comp.
Phosphate groups						
ONA	5 μg/ml	An	41.	+/-	released by apoptotic/necrotic cells; intact DNA-	: ex 76
	0 100/m	00	1 /-	14"	from anter characteristic true to the control true true	5 28 5
ONA	10-40 μ g/ml	ČO		•	fragments absorbed in by the gastrointestinal tract	을 중 호
INTP-Mix	1-8 mM	00	++	,++	represent a potential threat, because of potential	돌급향
IATP	1-8 mM	00	++	++	integration into the host cell genome; 5 µg/ml circular	S 5 5
TTP	1-8 mM	00	++	++	plasmid DNA corresponds to 0.015 mM phosphate	들들중
ICTP	1-8 mM	CO	++	++	groups	요들론
IGTP	1-8 mM	00	++	++	•	s that can be self or non- s from nutrition, phospate rents, phopholipids of viral
CUROSURF TMplg surfactant	1-10% v/v	00	+/-	+/-	surfactant substitute for premature neonates; equals to	& 독물
handinide)	1 1010 111	•••	•		8 mg/ml phospholipids (mainly phosphatidy/choline)	풀팔얼
ohospholipids) 183PO4	1 mM	00	++	++	2 ardam kingakunahan lumuni kingakunantangal	h structures k-fragments all compone
паді од	210 mM		+/-	+/-	defines phosphate group as target structure	型子 温
		00	ıl.	₹∮*	<u> </u>	ĭZZ.
C-Upo .	50-500 mM	¢ή			s phosphate grotaries target structure	. <u>ឝ</u> 🞖 💆
K2HPO4	1 mM	00	††	ŧ+	<u> </u>	33. 31.32 31
	2-10 mM	ĊÓ	+/-	+/-	ह है	action and a second
	50-500 mM	ch			o in the second	St G G
KH ₂ PO ₄	1-10 mM	CO	ŧ	+	.⊑	8 9.5 15.00
	50-500 mM	ch			<u>출</u>	suggests interaction with structures self (e.g. preserved DNA-fragments esters in bacterial cell wall compone
urther controls						
Blutamine	1-250 mM	CO	+++	+++	no interaction with carboxyl or amide group	
Aprolinin	1-5 mg/ml	co	+++	+++	no unspecified interaction with proteins	
4-1 x 4-1111	i ∧ mânis	~~			us susbasinas inaisiasas ingi biaisina	

^a denotes whether addition of substance in respective solvent resulted in constant pH within allowed range (co) or changed pH (ch) beyond the optimal thresholds (see methods section); ^b aggregation compared to matched controls, which semi-quantitatively depicts the capacity of the substances to compete for DMBT1pbs1-mediated bacterial aggregation; the range is from (++): no difference in aggregation compared to control to (-): complete inhibition of aggregation under assay conditions (for details refer to methods section); ^c comments include specification of the respective substances, experimental ratio for their utilization and/or possible implications of the results.